

09/853,13710194.8017.US01/CINGP113USAAMENDMENTS TO THE CLAIMS

This Listing of Claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An integrated communication system for an aircraft having at least one passenger seat, comprising:

an integrated signal unit operable to receive and transmit a plurality of signals of disparate nature to and from a user of the at least one passenger seat in the aircraft, the integrated signal unit reformats the plurality of signals into reformatted information, and transmits the reformatted information to the passenger seat, wherein the signal unit communicates the plurality of disparate signals to and from the passenger seat via a wireless link;

a plurality of aircraft communication links interfaced with the integrated signal unit for carrying the reformatted information plurality of signals of disparate nature throughout the aircraft from sources of the reformatted information plurality of signals of disparate nature, the aircraft communications links include pre-existing aircraft telecommunications wiring; and

a receiving device interfaced to the at least one passenger seat and in communication with the integrated signal unit for receiving the reformatted information at least one of the plurality of signals and outputting a signal to a passenger in the at least one passenger seat.

2. (Previously Presented) The system recited in claim 1, wherein the plurality of signals of disparate nature comprise at least one of audio signals, video signals, and data signals.

3. (Canceled)

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4. (Original) The system recited in claim 3, wherein the receiving device comprises a speaker.

5. (Original) The system recited in claim 3, wherein the receiving device comprises a video monitor.

6. (Original) The system recited in claim 3, wherein the receiving device comprises a telephone handset.

7. (Original) The system recited in claim 3, wherein the receiving device comprises an intercom.

8. (Currently Amended) A communications system for use in an aircraft, comprising:

a seat unit at a passenger seat operable to receive a plurality of signals bussed through the aircraft;

a first audio processing circuit operable to generate audio signals, the first audio processing circuit being coupled to the seat unit over a wireline communication channel, wherein the seat unit reformats the audio signals into reformatted audio information, and transmits the reformatted audio information to the passenger seat;

a first telephone signal processing circuit operable to receive and send telephone signals, the first telephone signal processing circuit being coupled to the seat unit through the wireline communication channel, wherein the seat unit reformats the telephone signals into reformatted telephone information, and transmits the reformatted telephone information to the passenger seat;

the seat unit further comprising:

a first audio processing receiving circuit operable to receive the reformatted audio information signals for processing and delivery to a passenger audio transducer;

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a second telephone signal processing circuit that is operable to receive and send the reformatted telephone information signals for delivery to and from a passenger telephone handset via a wireless link; and
electrical circuitry coupled to and shared by the first audio processing receiving circuit and the second telephone signal processing circuit.

9. (Previously Presented) The system recited in claim 8, wherein the plurality of signals comprise at least one of audio signals, video signals, and data signals.

10. (Previously Presented) The system recited in claim 9, wherein the first audio processing circuit comprises a radio audio processing unit.

11. (Previously Presented) The system recited in claim 10, further comprising a second audio processing circuit operable to generate audio and video signals and being coupled to the seat unit over a wireline communication channel.

12. (Previously Presented) The system recited in claim 11, wherein the passenger audio transducer comprises a speaker.

13. (Previously Presented) The system recited in claim 11, wherein the passenger audio transducer comprises a video monitor.

14. (Previously Presented) The system recited in claim 11, further comprising a telephone handset coupled to the first telephone signal processing circuit for directing telephone signals to a passenger.

15. (Currently Amended) A communications system for an aircraft, comprising:
an integrated signal unit that communicates a plurality of disparate signals of an aircraft bus to and from the a passenger seat, which signal unit interfaces to the aircraft bus via existing telecommunication lines a wireless link, wherein the signal unit reformats at least one of audio signals and video signals into reformatted information, and

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transmits the reformatted information over the existing telecommunications lines to the passenger seat; and

a receiving system interfaced to the passenger seat and in communication with the signal unit that receives at least one of the plurality of disparate signals and outputs a signal to a passenger in the passenger seat.

16. (Canceled)

17. (Canceled)

18. (Previously Presented) The system recited in claim 15, wherein the signal unit reformats audio signals as audio data and transmits the audio data on an unused channel.

19. (Previously Presented) The system recited in claim 15, wherein the signal is sent to the passenger seat for output to the passenger via an unused channel.

20. (Previously Presented) The system recited in claim 15, further comprising an integrated receiver associated with the passenger seat and in communication with the signal unit such that a plurality of signals received thereinto are parsed and presented to the passenger on a logical basis.